

UTILITY MODEL ABSTRACTS OF JAPAN

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(21) Application number: **S62-53250** (71) Applicant: **NIKKO SANGYO CO., LTD.**
(22) Date of filing: **April 8, 1987** (72) Creator: **Akihiro(昭鴻) HIRATSUKA**

(54) KNEELING CUSHION (ZABUTON)

[The Scope of Claims for Utility Model]

A kneeling cushion comprised of a main cushion part to be used as a main sitting part; an auxiliary sitting part which can be inflated as well as deflated, provided at the rear part of the said main cushion part; and a valve through which the said auxiliary sitting part can be filled with a fluid or be drained of the fluid.

[Brief Description of the Drawings]

One embodiment of the design is shown in Fig. 1 and Fig. 8.

Fig. 1 is a cross-sectional view along the line I-I of Fig. 2 showing an air bag for the auxiliary sitting part in the inflated state;

Fig. 2 is a perspective view of the entire kneeling cushion;

Fig. 3 is an equivalent view of Fig. 1 showing an air bag for the auxiliary sitting part in the deflated state;

Fig. 4 is a transverse cross-sectional drawing of the entire kneeling cushion;

Fig. 5 is a cross-sectional view along the line V-V of Fig. 5;

Fig. 6 is a cross-sectional view of a valve;

Fig. 7 is an equivalent view of Fig. 1 showing an air bag for the auxiliary sitting part in the slightly deflated state; and

Fig. 8 is a view to describe the function of the design showing a person sitting cross-legged.

Also, Figures. 9, 10 and 11 are view to describe the use of a conventional kneeling cushion showing a person standing on the cushion, a person sitting cross-legged on the cushion and a person kneeling (sitting square or sitting straight with legs folded under) respectively.

In the drawings, "2" denotes a main cushion part, "3" denotes an auxiliary sitting part, "6" denotes an air bag for the main cushion part (inflatable bag), "7" denotes an air bag for the auxiliary sitting part (inflatable bag) and "14" denotes a valve.

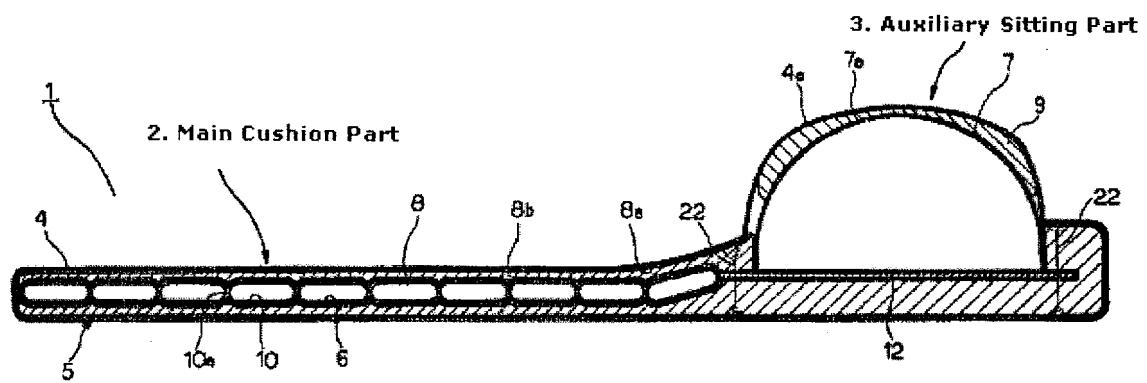
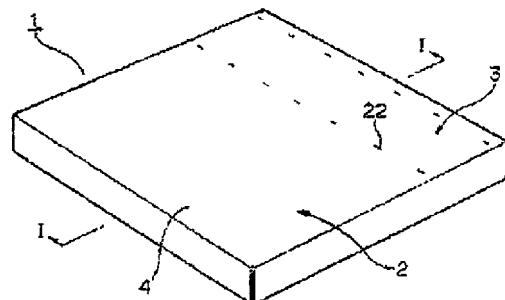
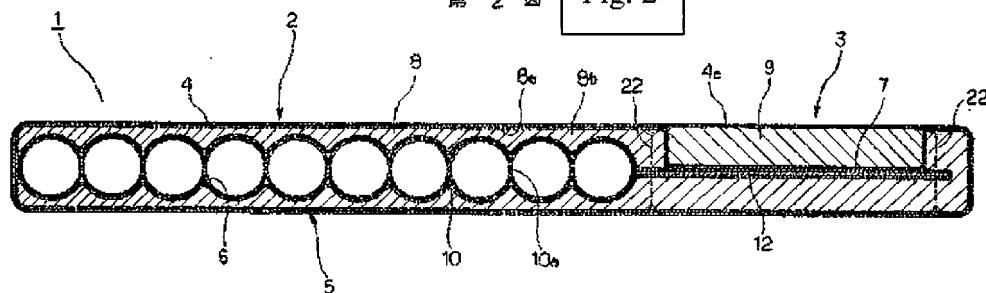


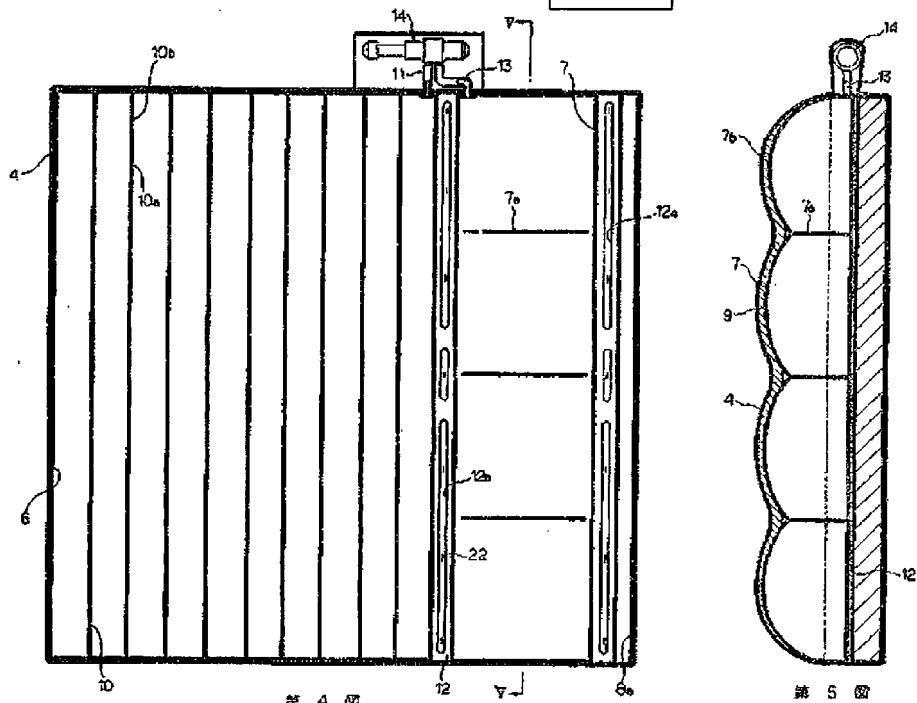
Fig. 1



第2図 Fig. 2



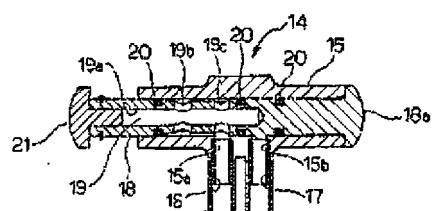
第3図 Fig. 3



第4図 Fig. 4

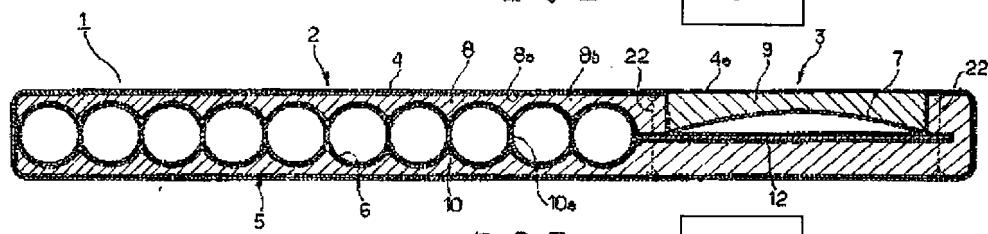
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第5図 Fig. 5



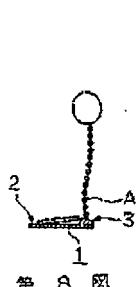
第6図

Fig. 6



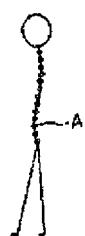
第7図

Fig. 7



第8図

Fig. 8



第9図

Fig. 9



第10図

Fig. 10



第11図

Fig. 11

⑫ 公開実用新案公報 (U)

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審査請求 有 (全3頁)

⑮ 考案の名称 座布団

⑯ 実願 昭62-53250

⑰ 出願 昭62(1987)4月8日

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⑳ 代理人 弁理士 佐藤 強

㉑ 実用新案登録請求の範囲

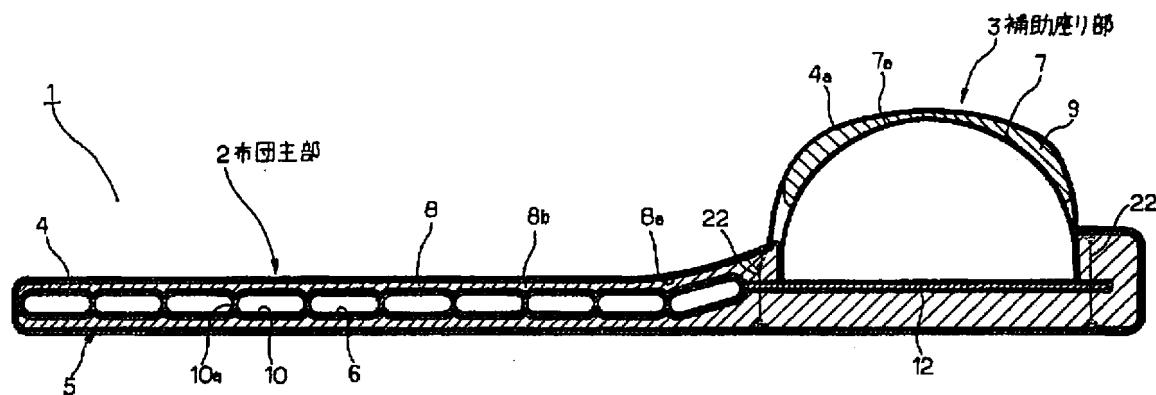
主座り部となる布団主部と、この布団主部の後部に設けられ膨脹収縮可能な補助座り部と、この補助座り部に対して流体を入れるバルブとを具備してなる座布団。

図面の簡単な説明

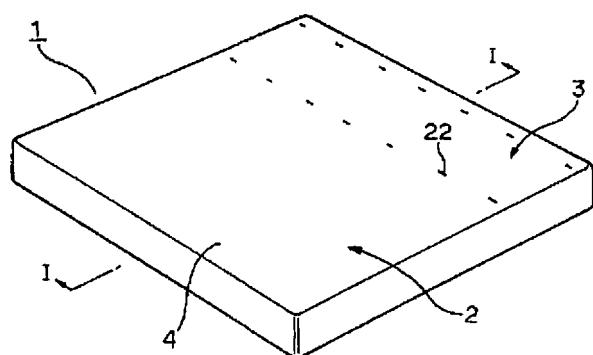
第1図乃至第8図は本考案の一実施例を示すもので、第1図は補助座り部用空気袋を膨脹させた状態を示す第2図中I—I線に沿う断面図、第2図は全体の斜視図、第3図は補助座り部用空気袋を収縮させた状態を示す第1図相当図、第4図は

全体の横断面図、第5図は第4図中V—V線に沿う断面図、第6図はバルブの断面図、第7図は補助座り部用空気袋を少し膨脹させた状態を示す第1図相当図、第8図は作用説明用の胡座状態で座つた状態を示す図である。また、第9図、第10図及び第11図は従来を説明するための夫々直立状態、胡座状態及び正座状態を示す図である。

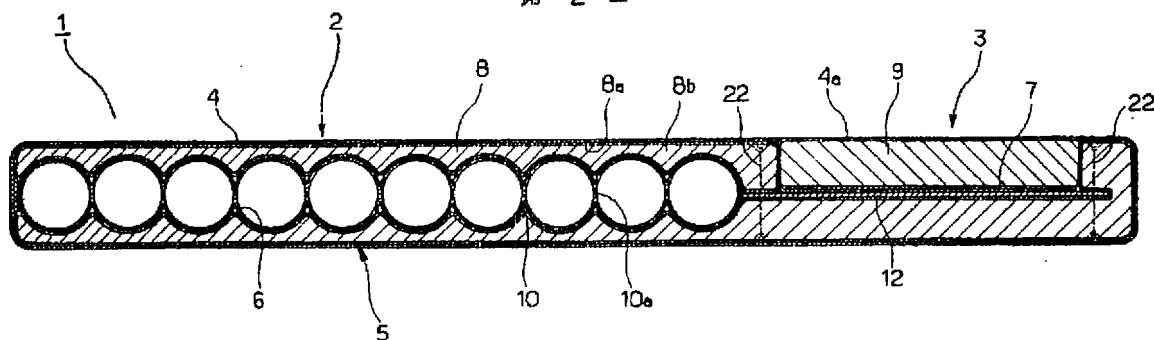
図面中、2は布団主部(主座り部)、3は補助座り部、6は布団主部用空気袋(伸縮袋)、7は補助座り部用空気袋(伸縮袋)、14はバルブを示す。



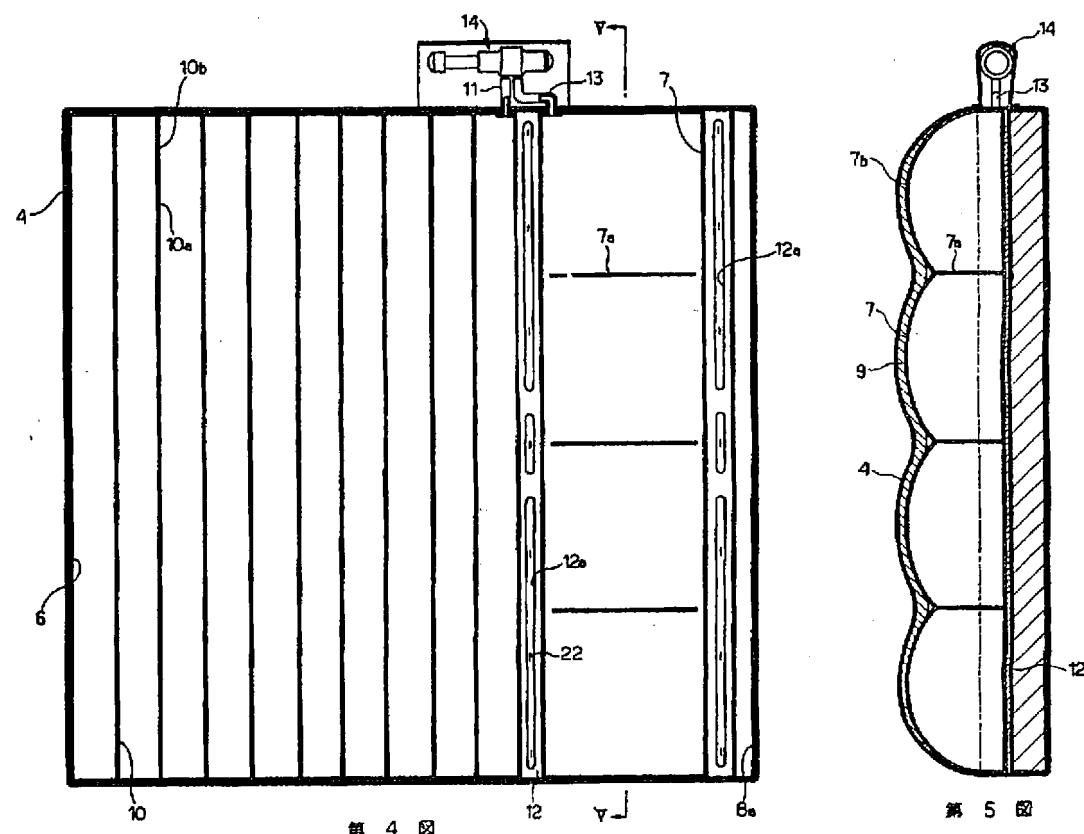
第1図



第 2 図

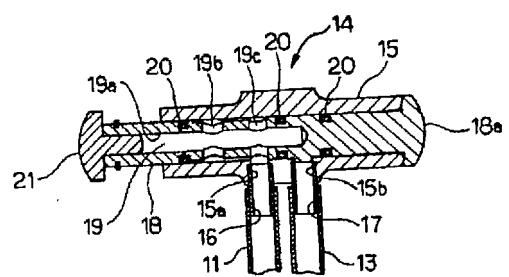


第 3 図

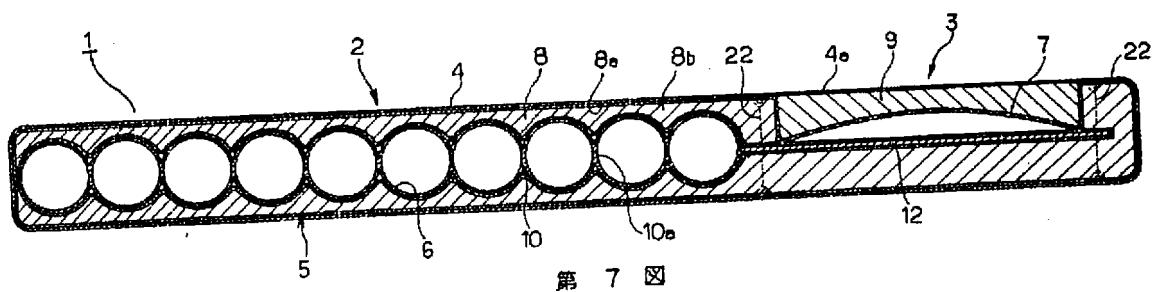


第 4 図

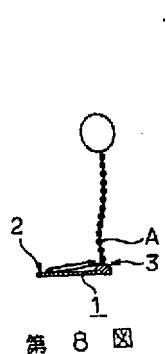
第 5 図



第6図



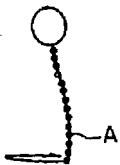
第7図



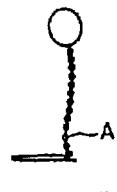
第8図



第9図



第10図



第11図